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Part Number: [0559093474](#)

Status: **Active**

Overview:

Description: 0.40mm (.016") Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical Stacking, 1.50mm (.059") Stacking Height, Lead-free, 34 Circuits

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-51338-002 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

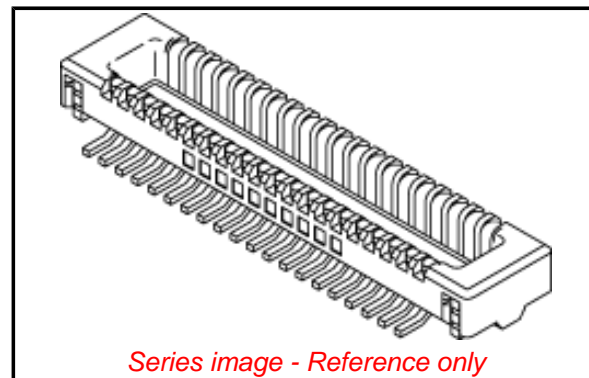
Product Family	PCB Headers
Series	55909
Application	Board-to-Board
Comments	Solder Tab Plating: Tin
Overview	SlimStack™#153;
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	34
Circuits (maximum)	34
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.059 In
Mated Height (mm)	1.50 mm
Material - Metal	Brass
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.020 In
PC Tail Length (mm)	0.50 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	4
Plating min: Termination (µm)	0.1
Polarized to Mating Part	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum	0.3A
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Series image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China RoHS



Search Parts in this Series

[55909](#) Series

Mates With

[51338](#) Board-to-Board SlimStack™ Receptacle

Voltage - Maximum

50V

Material Info

Reference - Drawing Numbers

Product Specification	PS-51338-002
Product Specification	RPS-500913-005
Product Specification	RPS-51338-018
Product Specification	RPS-51338-019
Product Specification	RPS-51338-020
Product Specification	RPS-51338-022
Product Specification	RPS-51338-024
Product Specification	RPS-51338-025
Product Specification	RPS-51338-027
Product Specification	RPS-55909-001
Sales Drawing	SD-55909-003
Sales Drawing	SD-55909-004

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